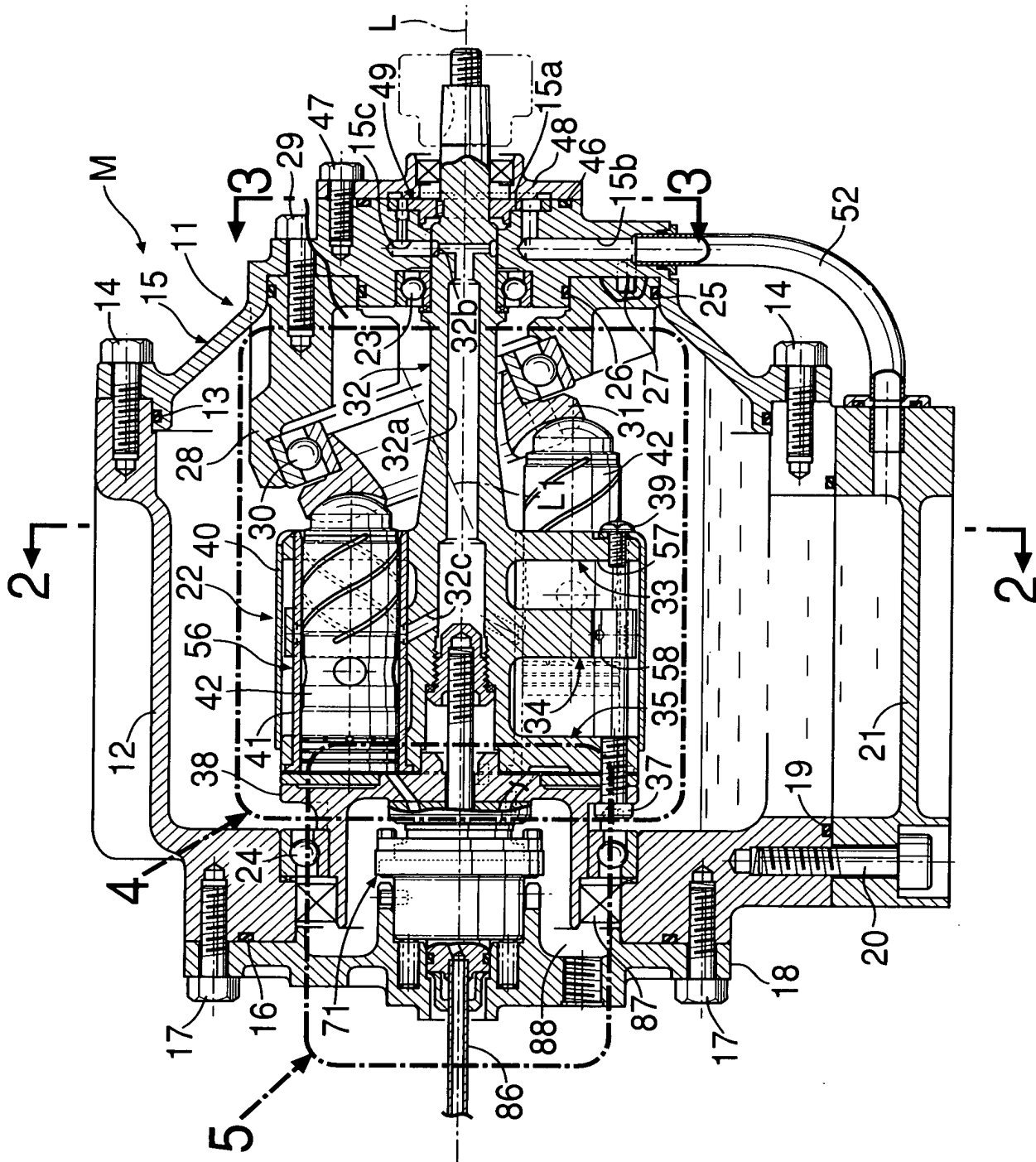
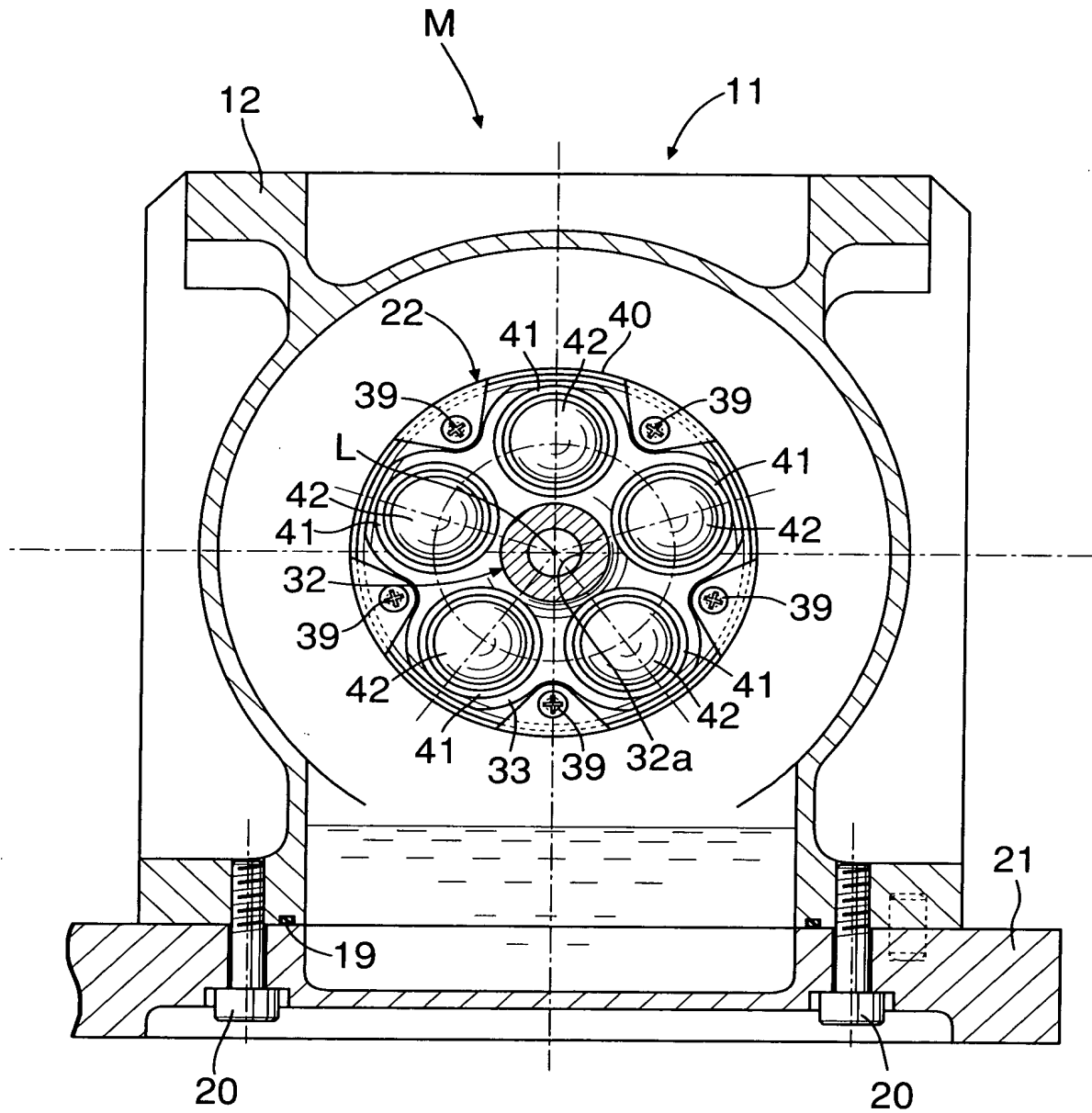


FIG.1



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FIG.2



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FIG.3

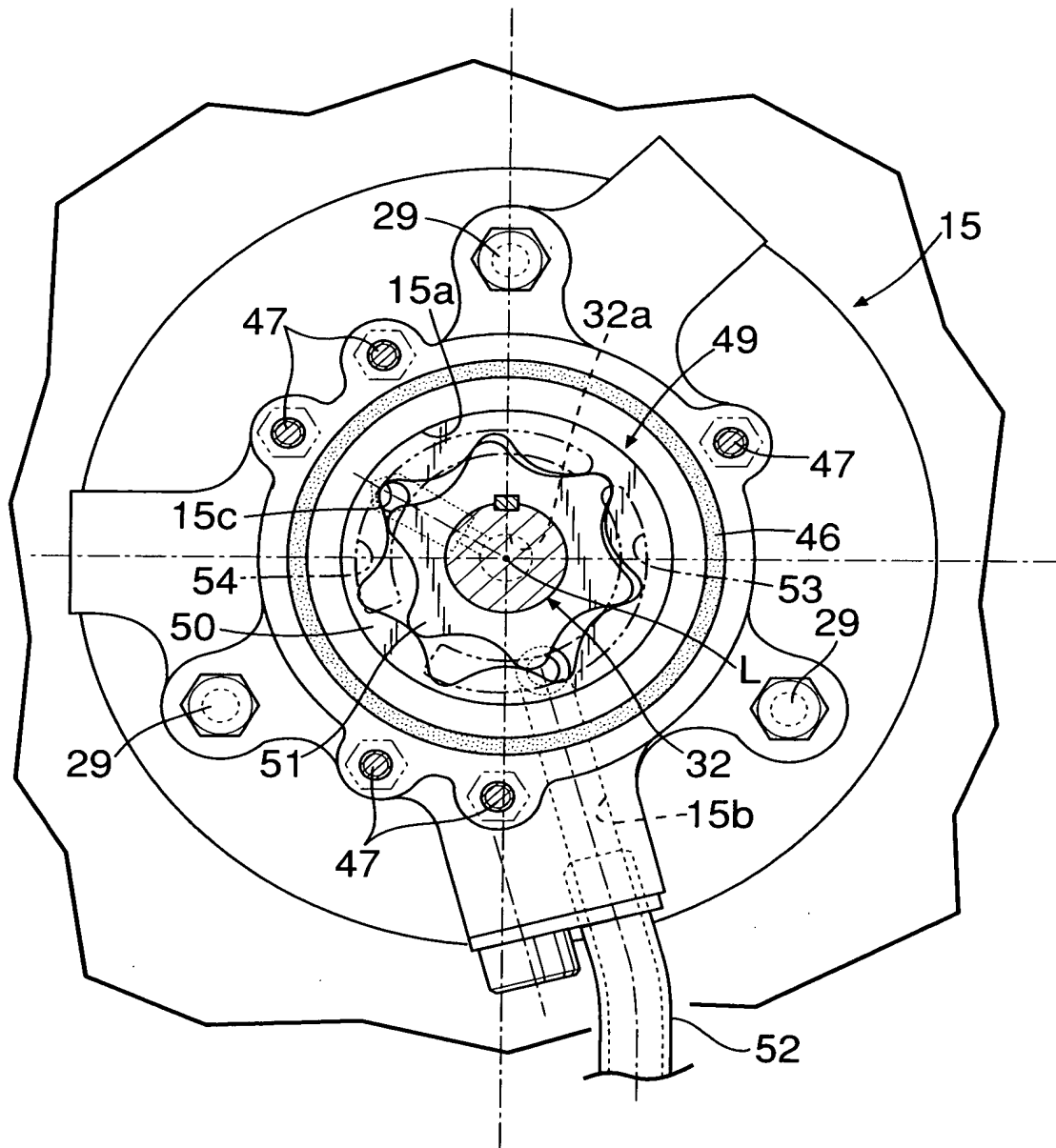
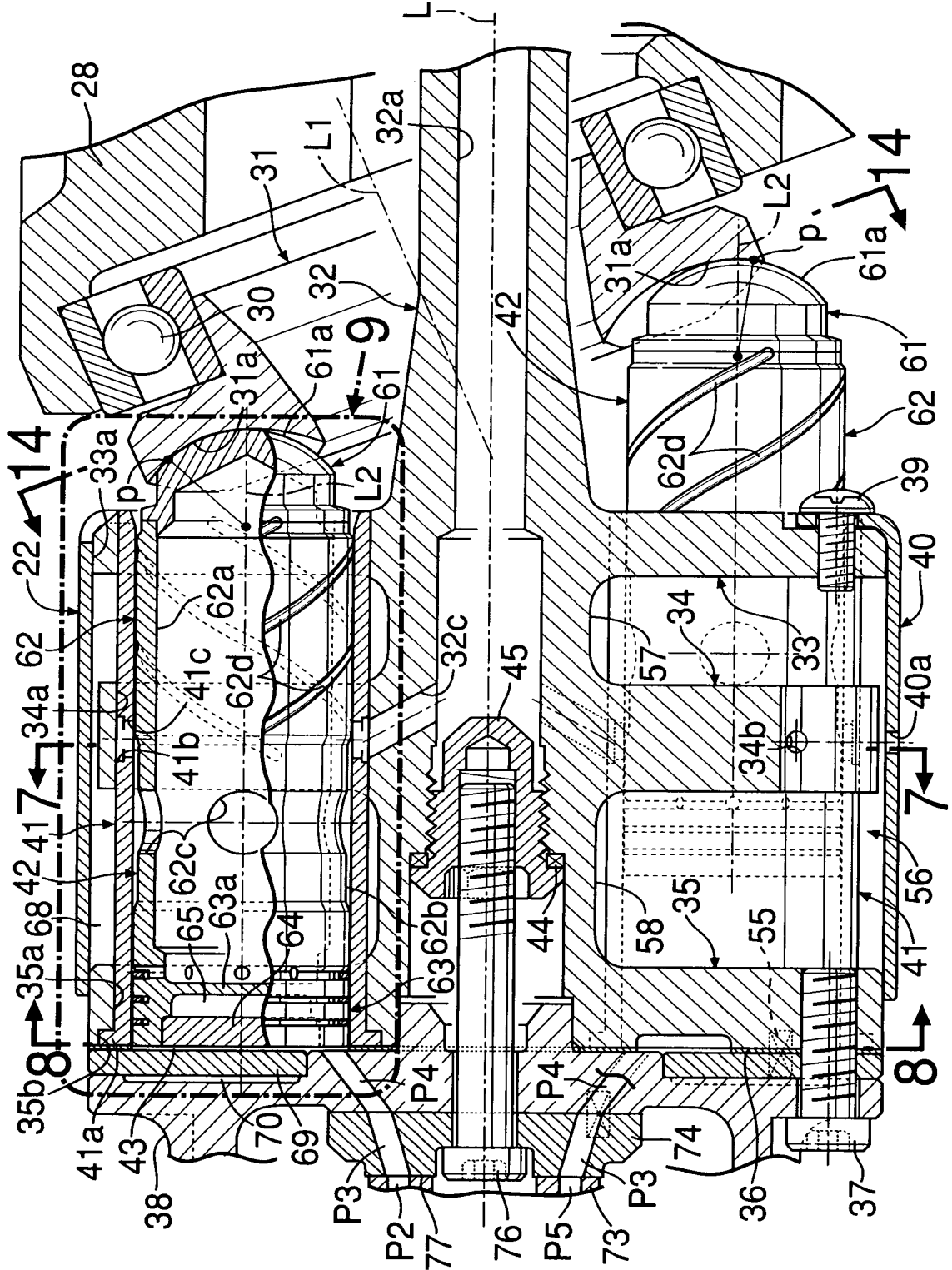


FIG.4



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FIG. 5

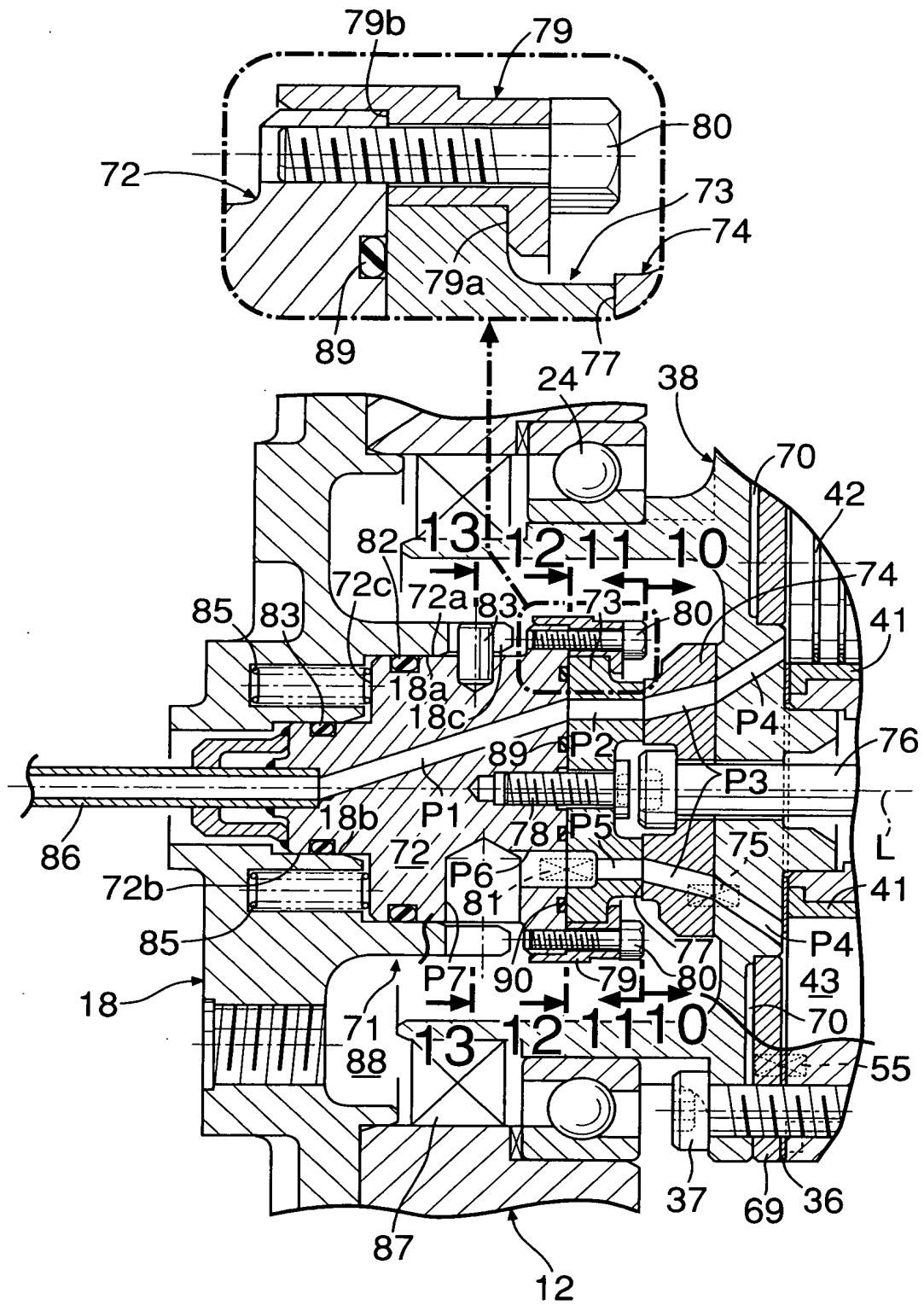


FIG.6

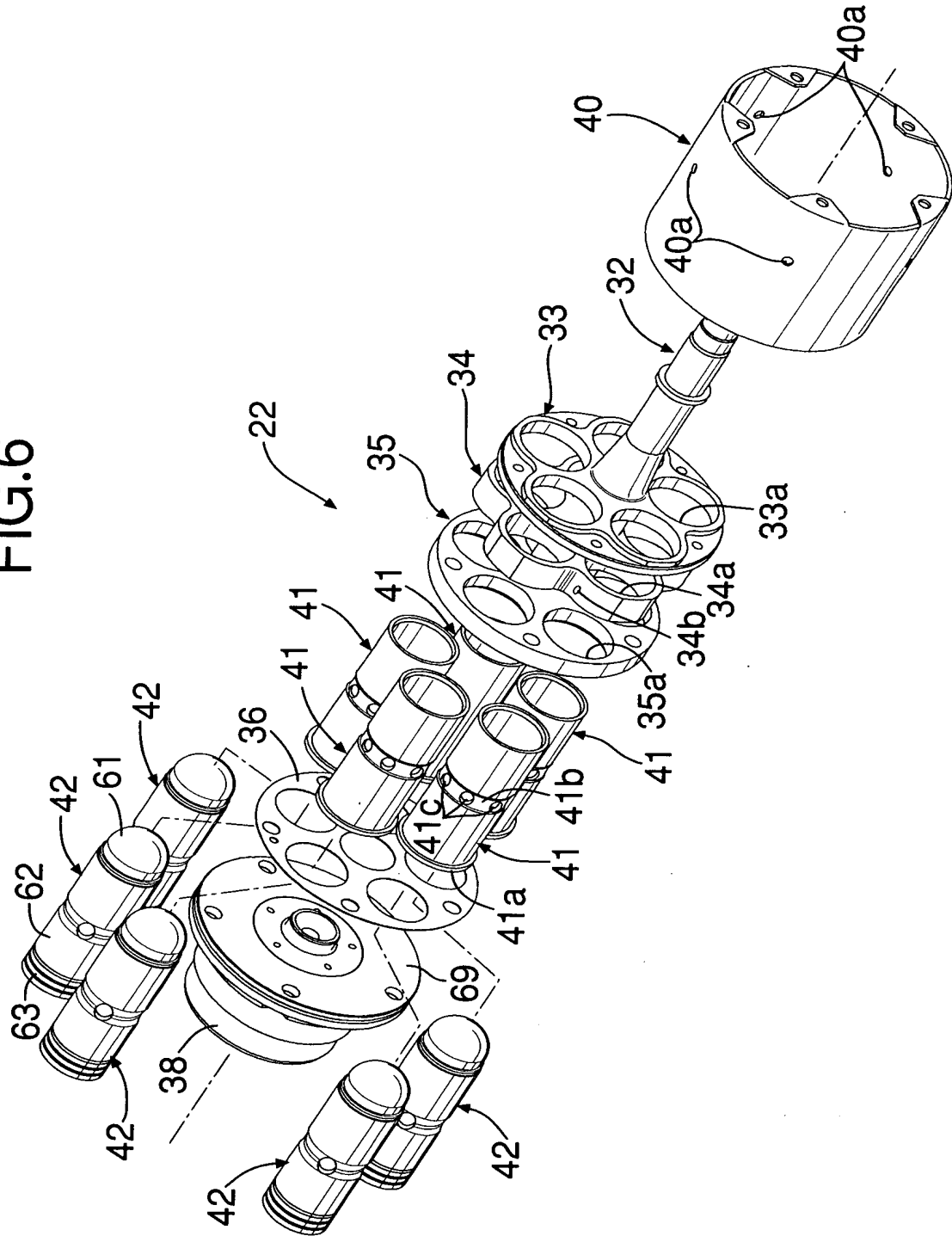


FIG. 7

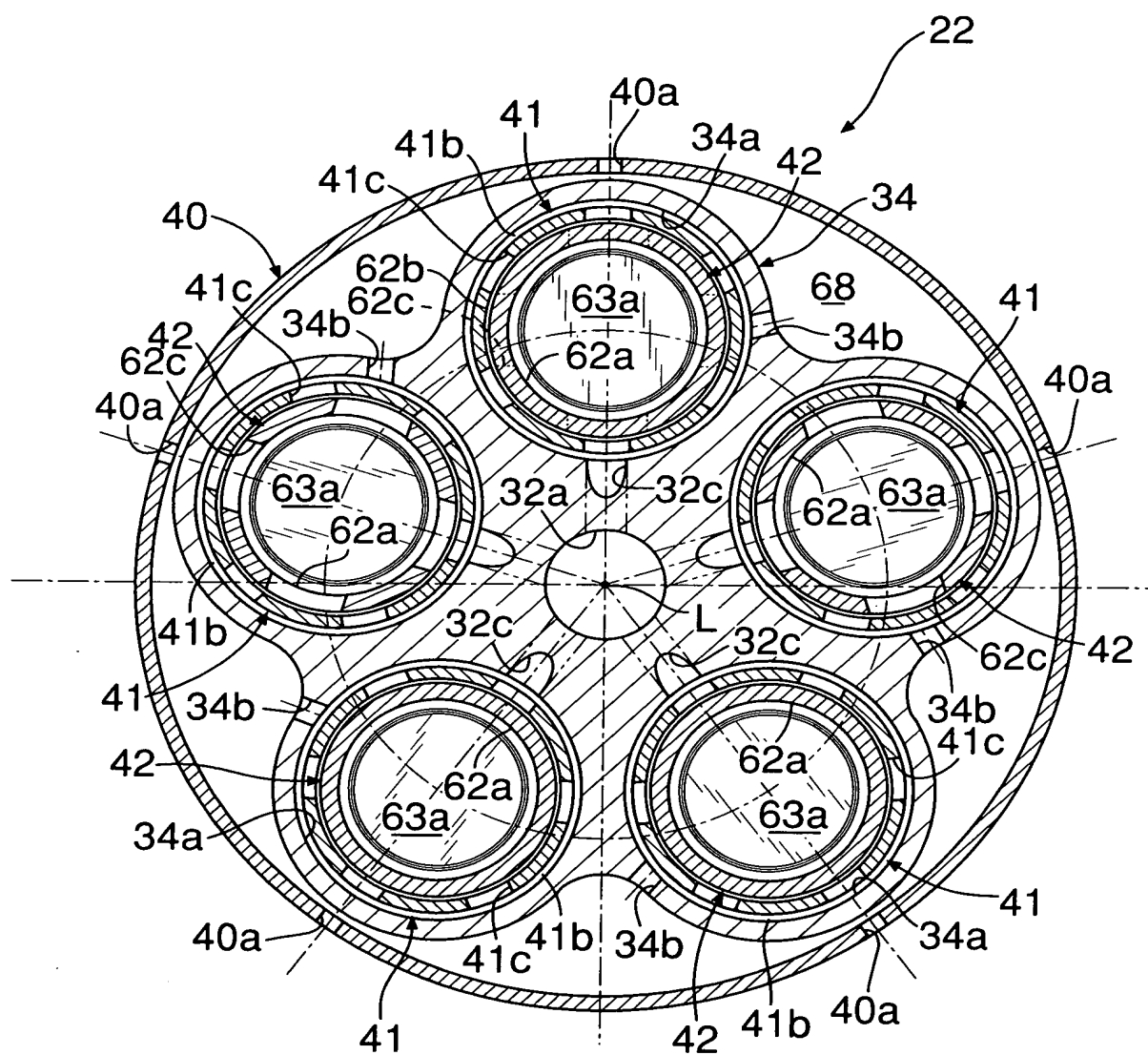


FIG. 8

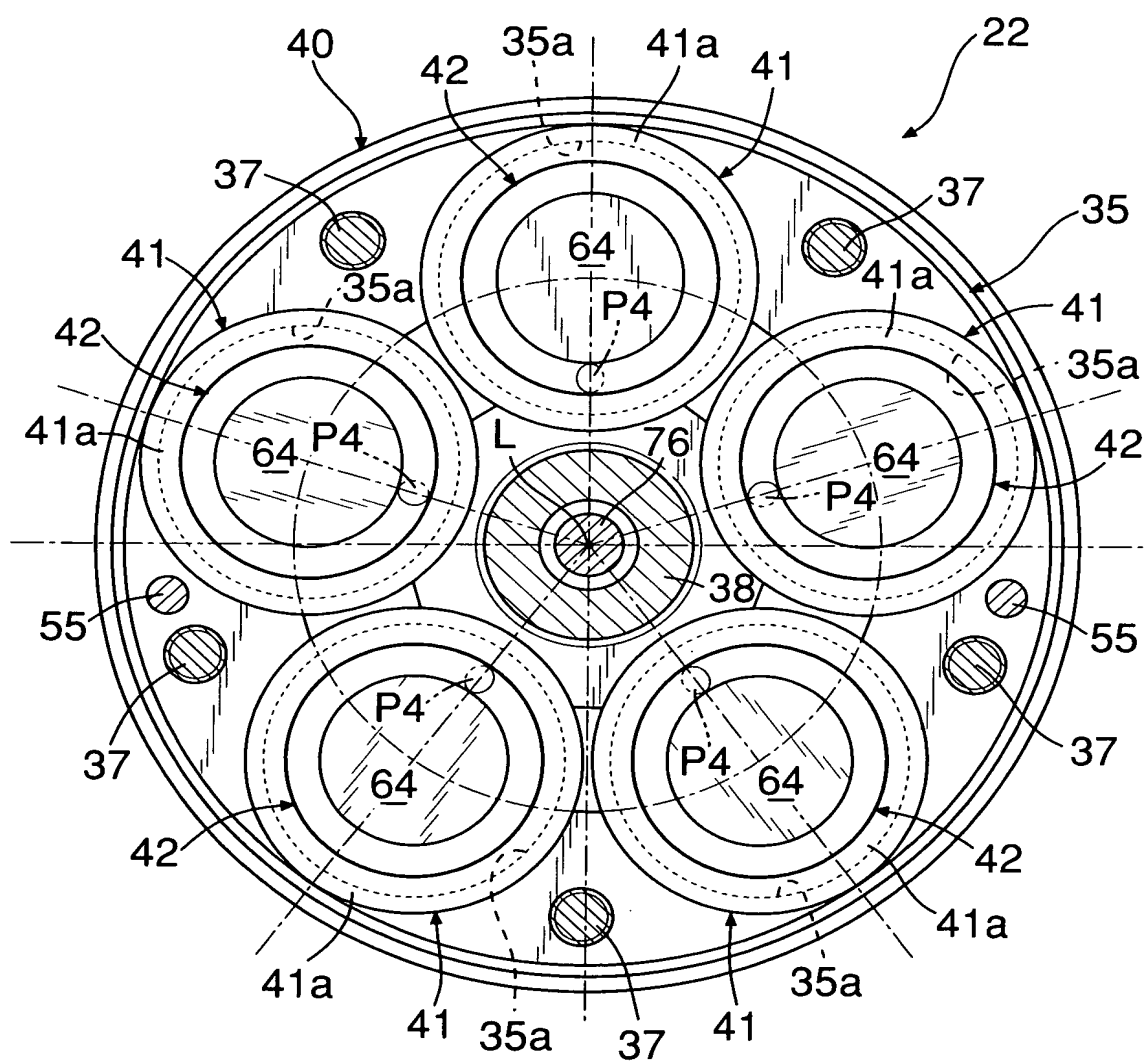
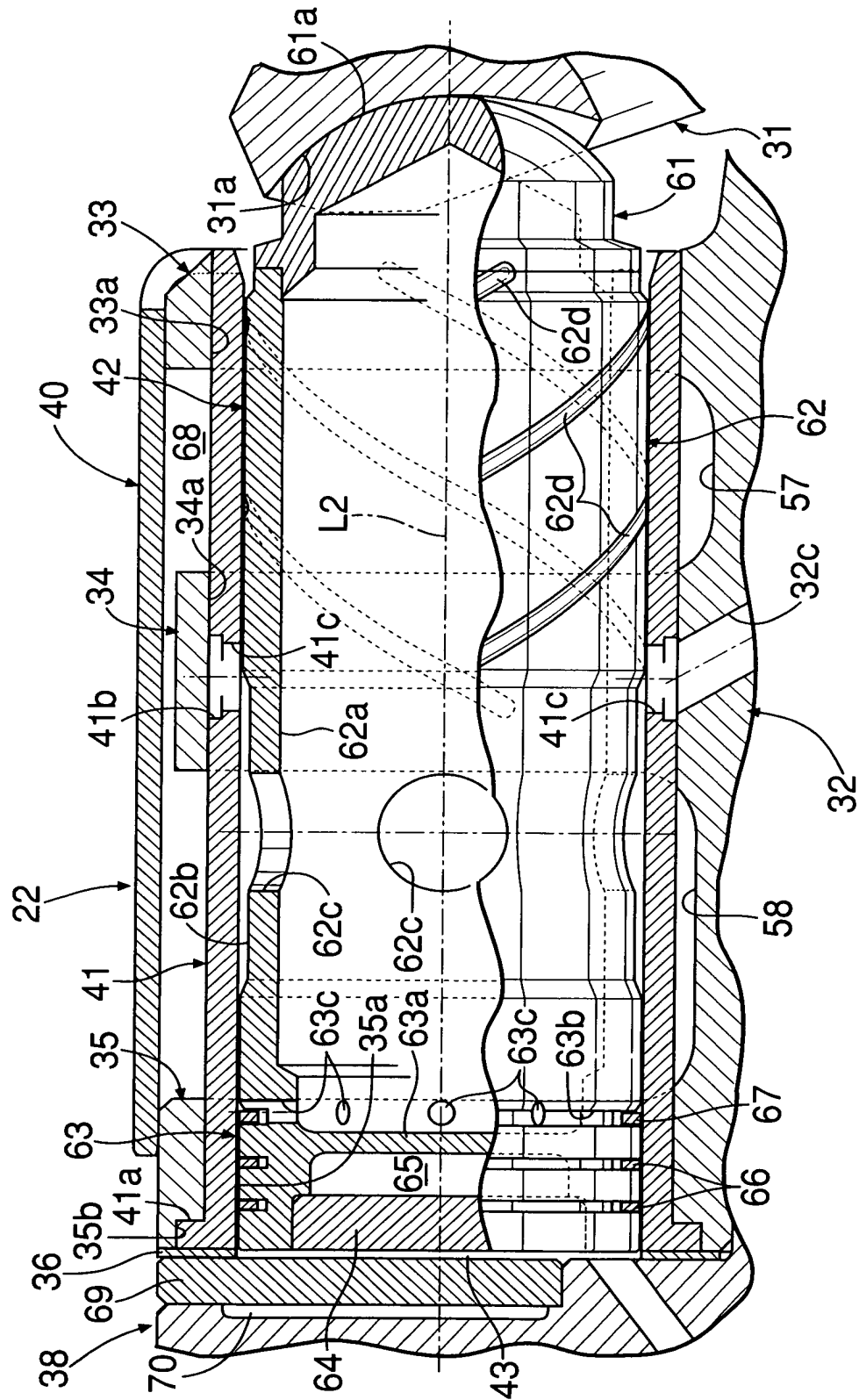


Fig. 9.



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FIG.10

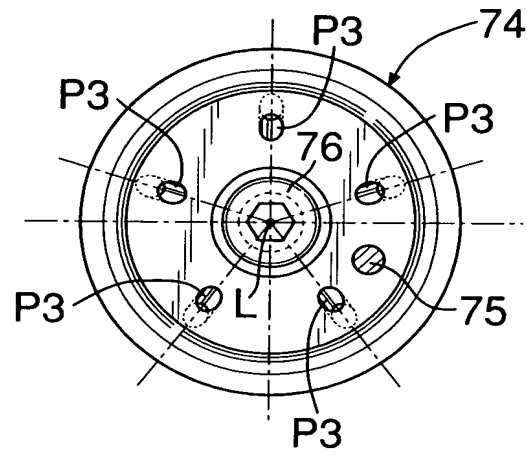
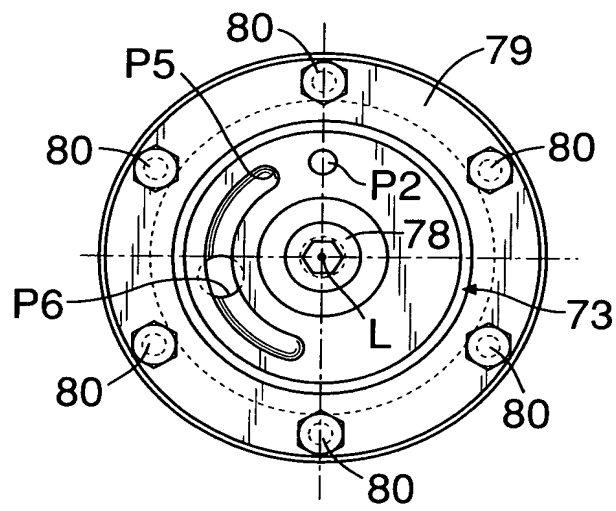


FIG.11



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FIG.12

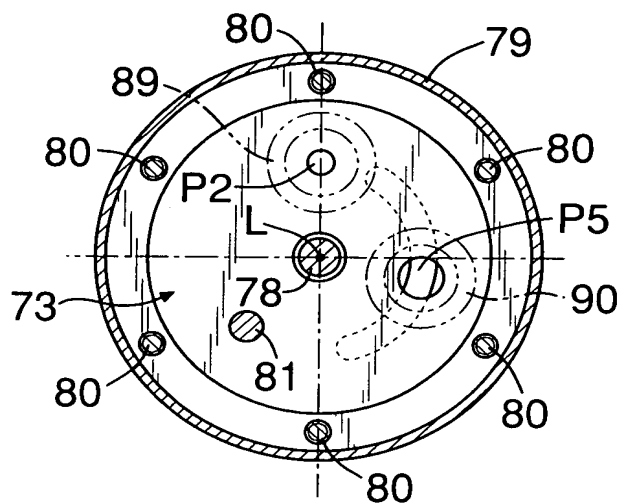
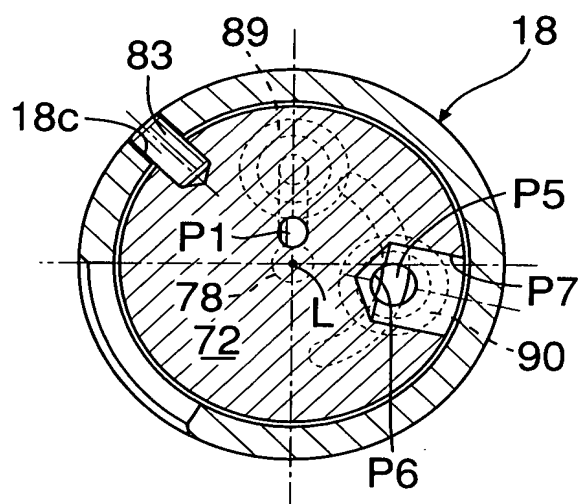
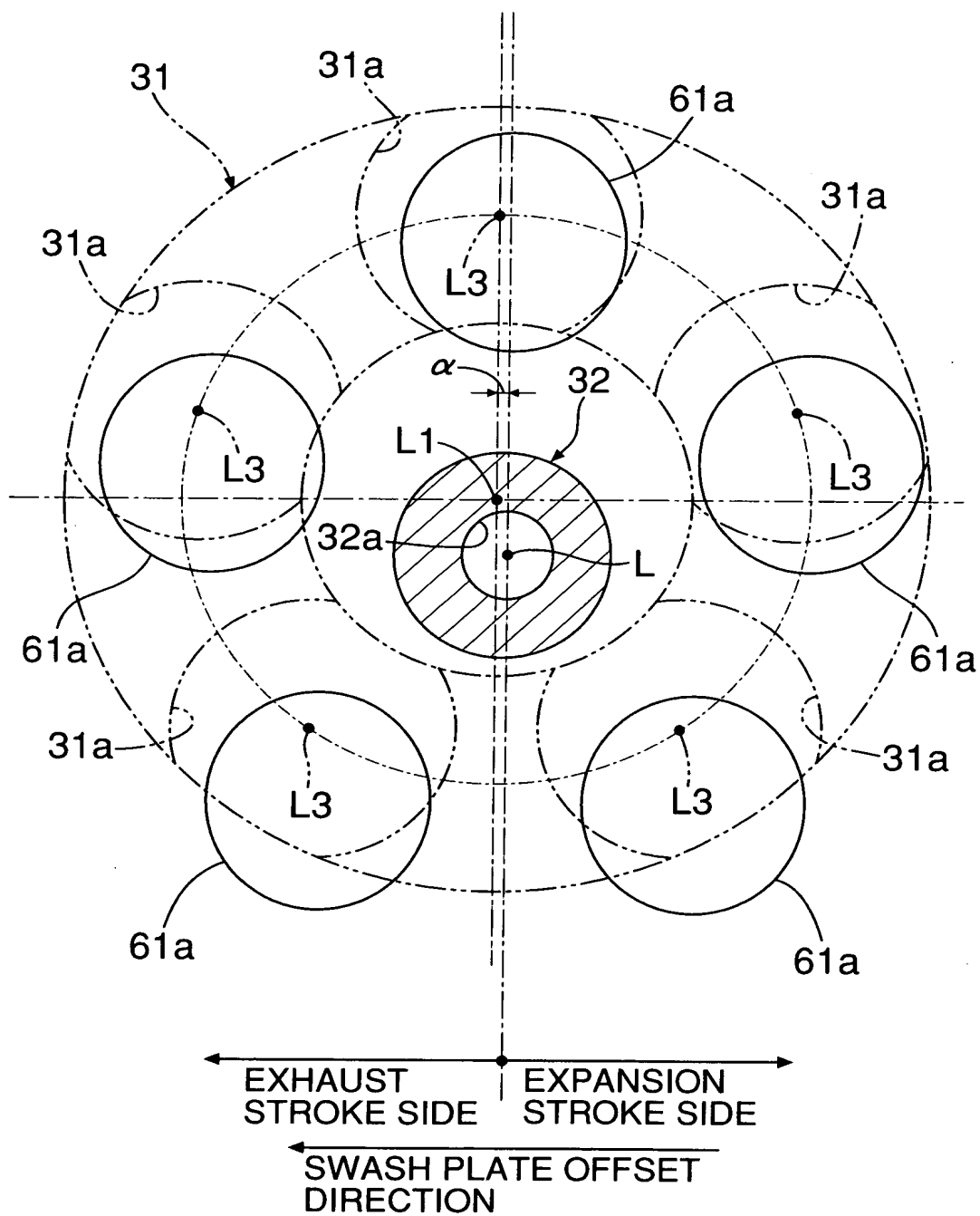


FIG.13



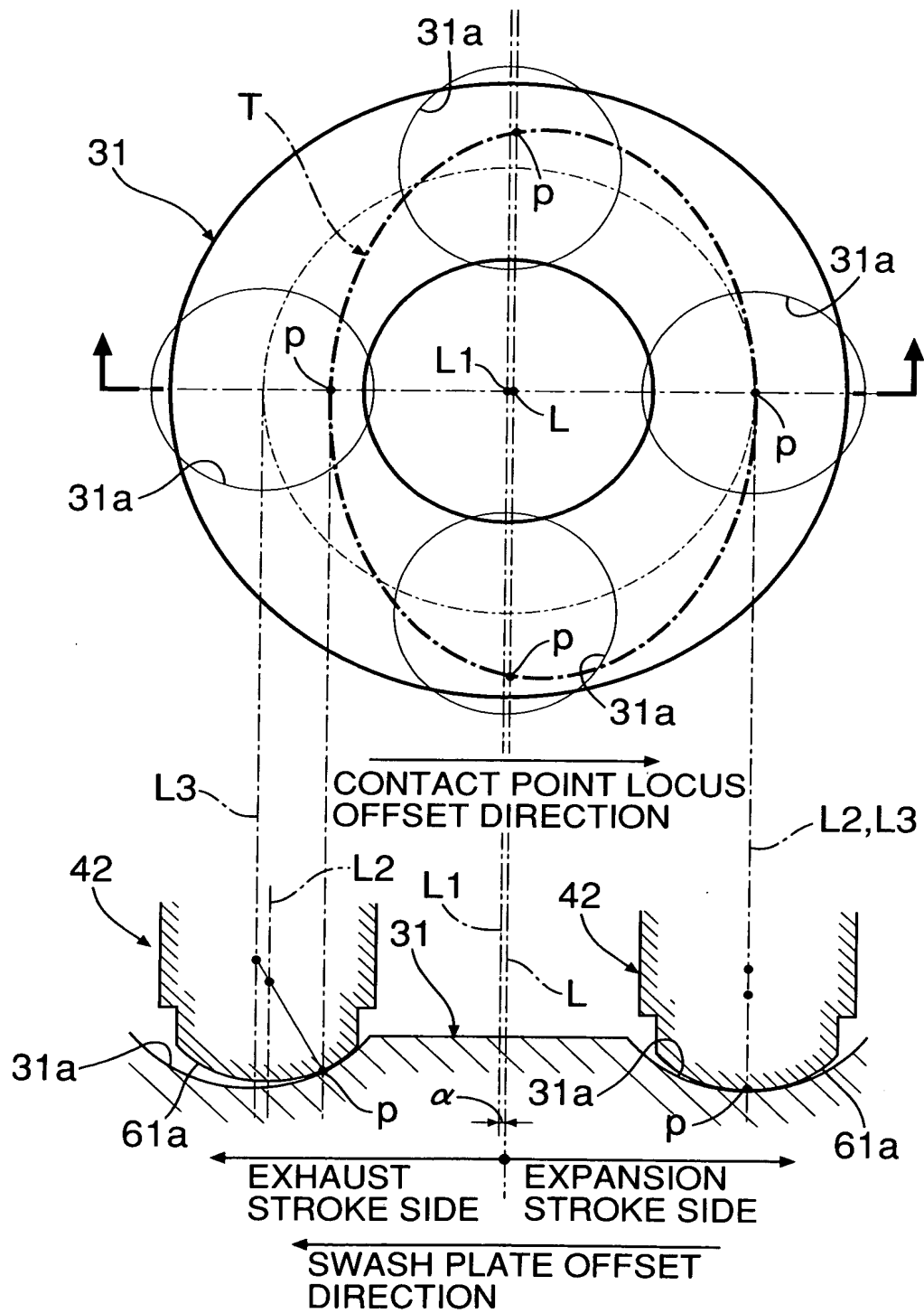
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FIG.14



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FIG.15

OFFSET PRESENT

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FIG.16

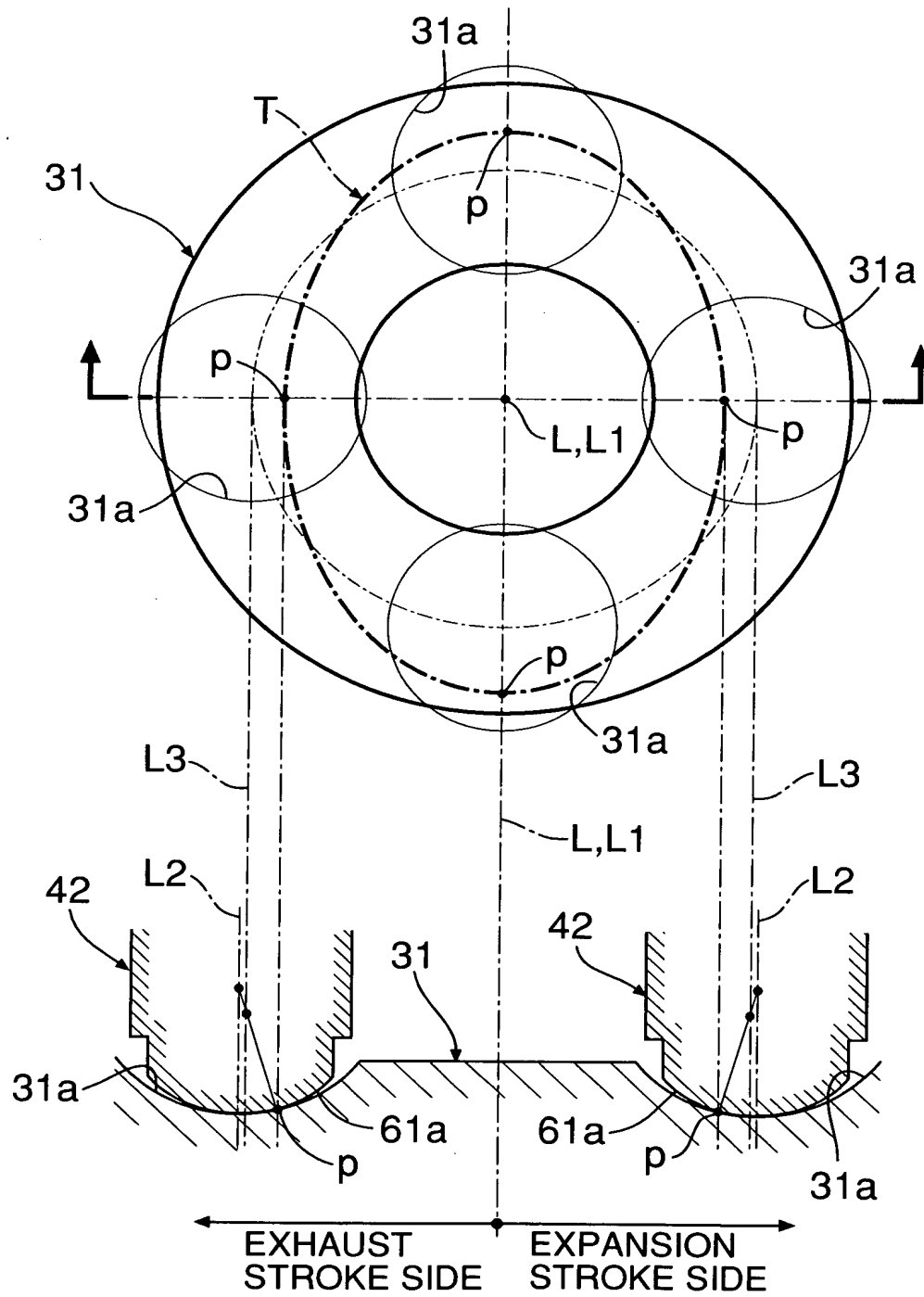
OFFSET NOT PRESENT

FIG.17

PISTON BENDING STRESS CHARACTERISTICS